

F10 Antibody

Catalog No: #31132

Package Size: #31132-1 50ul #31132-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	F10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total F10 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 235-488 amino acids of human coagulation factor X
Target Name	F10
Other Names	Coagulation factor X, FX; FXA
Accession No.	Swiss-Prot:P00742Gene ID:2159;
Uniprot	P00742
GeneID	2159;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

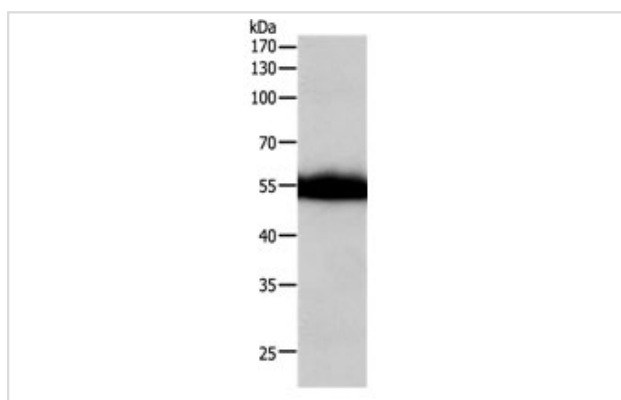
Application Details

Predicted MW: 55kd

ELISA: 1:1000-1:2000

Western blotting: 1:200-1:1000

Images



Gel: 10%SDS-PAGE

Lysate: 40 µg A549 cell lysate

Primary antibody: 1/400 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 10 minutes

Background

This gene encodes the vitamin K-dependent coagulation factor X of the blood coagulation cascade. This factor undergoes multiple processing steps before its preproprotein is converted to a mature two-chain form by the excision of the tripeptide RKR. Two chains of the factor are held together by 1

or more disulfide bonds; the light chain contains 2 EGF-like domains, while the heavy chain contains the catalytic domain which is structurally homologous to those of the other hemostatic serine proteases. The mature factor is activated by the cleavage of the activation peptide by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway). The activated factor then converts prothrombin to thrombin in the presence of factor Va, Ca²⁺, and phospholipid during blood clotting. Mutations of this gene result in factor X deficiency, a hemorrhagic condition of variable severity.

Note: This product is for in vitro research use only